

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query                              | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| S1    | 1    | source conductor AND vertical NOT in situ | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2009/10/20 15:36 |
| S2    | 7324 | "10597288"                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2009/09/28 16:44 |
| S3    | 14   | 257/347                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2009/09/28 16:46 |
| S4    | 95   | planar double-gate transistor             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2009/09/29 10:02 |
| S5    | 2    | "5072269"                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2009/09/29 10:07 |
| S6    | 2240 | "20020140032"                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2009/09/29 10:08 |
|       |      | 257/328                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2009/09/29 10:12 |

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|     |       |                  |  |     |     |                  |
|-----|-------|------------------|--|-----|-----|------------------|
| S7  | 87    | 257/328 AND fin  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/09/29 10:13 |
| S8  | 9     | "6855582"        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/09/29 10:45 |
| S9  | 78    | 257/302 AND fin  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/09/29 10:51 |
| S10 | 13554 | vertical channel | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/09/29 10:53 |
| S11 | 600   | S10 AND fin      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/09/29 10:57 |
| S12 | 11    | S10 AND fin-FET  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/09/29 11:01 |
| S13 | 39    | S10 AND fin FET  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/09/29 11:01 |

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|     |      |                                   |  |     |     |                  |
|-----|------|-----------------------------------|--|-----|-----|------------------|
| S14 | 184  | "6238976"                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/10/19 15:11 |
| S15 | 2373 | source conductor                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/10/19 15:17 |
| S16 | 51   | fin AND source conductor          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/10/19 15:18 |
| S17 | 4    | FINFET AND source conductor       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/10/19 15:29 |
| S18 | 0    | vertical SOI transistor\$2/FET\$2 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/10/20 14:45 |
| S19 | 6    | vertical SOI transistor\$2        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/10/20 14:45 |
| S20 | 819  | source conductor AND vertical     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/10/20 14:53 |

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|     |      |  |  |     |     |                  |
|-----|------|--|--|-----|-----|------------------|
| S21 | 1    | source conductor AND semiconductor fin | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/10/20 15:47 |
| S22 | 4    | vertical Fin-FET                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/10/20 15:47 |
| S23 | 104  | source contact AND source conductor    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/10/20 15:48 |
| S24 | 48   | "5414289"                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/10/22 13:57 |
| S25 | 184  | "6238976"                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/10/22 14:00 |
| S26 | 7394 | 257/347                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/10/22 14:05 |
| S27 | 5    | S26 AND source conductor               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/10/22 14:05 |

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|     |     |   |  |     |     |                  |
|-----|-----|---|--|-----|-----|------------------|
| S28 | 411 | lateral gate                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/10/22 14:06 |
| S29 | 19  | 257/E27.055                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/11/02 16:54 |
| S30 | 290 | ((DURESETI) near2 (CHIDAMBARRAO)).INV.      | US-PGPUB;<br>USPAT   | ADJ | OFF | 2009/11/03 10:28 |
| S31 | 98  | ((JOCHEN) near2 (BEINTNER)).INV.            | US-PGPUB;<br>USPAT   | ADJ | OFF | 2009/11/03 10:29 |
| S32 | 257 | ((RAMACHANDRA) near2 (DIVAKARUNI)).<br>INV. | US-PGPUB;<br>USPAT   | ADJ | OFF | 2009/11/03 10:32 |